

State Board of Forestry and Fire Protection
Monitoring Study Group Monitoring Reports
and Supported Reports, Papers and CD ROMs
Produced from 1991 to 2005

[Complete list of MSG Reports to date; many of these documents are online on the MSG website; hard copies of some of the others are available from Pete Cafferata, CDF, Sacramento, pete.cafferata@fire.ca.gov]

California State Board of Forestry (BOF). 1991. Recommendations for evaluating the effectiveness of the California Forest Practices Rules as the Best Management Practices (BMPs) for the protection of water quality. Prepared by the Best Management Practices Effectiveness Assessment Committee (BEAC), with assistance from William M. Kier Associates. Sacramento, CA. 29 p.

California State Board of Forestry (BOF). 1993. Assessing the effectiveness of California's Forest Practice Rules in protecting water quality: recommendations for a pilot monitoring project and longer term assessment program. Prepared by the Monitoring Study Group (MSG) with assistance from William M. Kier Associates. Sacramento, CA. 55 p.

Knopp, C. 1993. Testing indices of cold water fish habitat. Unpubl. Final Report submitted to the Calif. Dept. of Forestry and the North Coast Regional Water Quality Control Board under Interagency Agreement No. 8CA16983. Sacramento, CA. 56 p.

Lisle, T.E. 1993. The fraction of pool volume filled with fine sediment in northern California: relation to basin geology and sediment yield. Final Report submitted to the Calif. Dept. of Forestry. Sacramento, CA. 9 p.

Chakraborty, D. 1993. Inventory of potentially impacted drinking water supply systems in California. Final report submitted to the Calif. Dept. of Forestry. Sacramento, CA. 15 p. (data available as a CDF—FRAP GIS layer plus database).

McKittrick, M. 1994. Erosion potential in private forested watersheds of northern California: a GIS Model. Final report prepared for the Calif. Dept. of Forestry. Sacramento, CA. 70 p. (data available as a CDF—FRAP GIS layer plus database).

Tuttle, A.E. 1995. Board of Forestry pilot monitoring program: hillslope component. Unpubl. Rept. submitted to CDF/BOF under Contract No. 9CA38120. Sacramento, CA. 29 p. Appendix A and B: Hillslope Monitoring Instructions and Forms.

Rae, S.P. 1995. Board of Forestry pilot monitoring program: instream component. Unpubl. Rept. submitted to the Calif. Dept. of Forestry under Interagency Agreement No. 8CA28103. Volume One. Sacramento, CA. 49. p. Volume Two: Data Tables and Training Materials.

Spittler, T.E. 1995. Geologic input for the hillslope component for the pilot monitoring program. Unpubl. Rept. submitted to the Calif. Dept. of Forestry under Interagency Agreement No. 8CA38400. Sacramento, CA. 18 p.

McKittrick, M.A., 1995a, Geologic and Geomorphic Features Related to Landsliding, North Fork Gualala River, Mendocino County, California: California Department of Conservation, Division of Mines and Geology Open File Report OFR 95-05, scale 1:24,000.

- McKittrick, M.A., 1995b, Geologic and Geomorphic Features Related to Landsliding, North Fork River Mokelumne, Amador County, California: California Department of Conservation, Division of Mines and Geology Open File Report OFR 95-06, scale 1:24,000.
- Spittler, T.E., and McKittrick, M.A., 1995, Geologic and Geomorphic Features Related to Landsliding, North and South Forks of Caspar Creek, Mendocino County, California: California Department of Conservation, Division of Mines and Geology Open File Report OFR 95-08, scale 1:12,000.
- Pogue, S.F. 1995. Measuring the effects of increasing loads of fine sediment on aquatic populations of *Dicamptodon Tenebrosus* (Pacific Giant Salamander) on California's north coast. Unpubl. Draft Masters Thesis. Humboldt State University, Arcata, CA. 41 p.
- Erman, D.C, N.A. Erman, and I. Chan. 1996. Pilot monitoring study: review and final recommendations prepared for the Monitoring Study Group, State Board of Forestry. Unpubl. Final Report submitted to the Calif. Dept. of Forestry. Sacramento, CA. 25 p.
- Krieter, J. 1996. Private-lands aquatic resource monitoring activities in coastal watersheds. Results of a survey of coastal forest landowners and others within the presumed range of coho salmon in northwestern and central California. Final report prepared for the Env. Services Div. of the Calif. Dept. of Fish and Game. W.M. Kier Associates. Sausalito, CA. 28 p.
- Poff, R.J. and Associates. 1996. Final report of the hillslope monitoring project for fieldwork conducted for the Mendocino County Resource Conservation District and the Calif. Dept. of Forestry and Fire Protection. Ukiah, CA.
- Dresser, A.T. 1996. An evaluation of two measures of streambed condition. Unpubl. Master of Science Thesis. Humboldt State University, Arcata, CA. 220 p.
- Lee, G. 1997. Pilot monitoring program summary and recommendations for the long-term monitoring program. Final Rept. submitted to the Calif. Dept of Forestry. CDF Interagency Agreement No. 8CA27982. Sacramento, CA. 69 p.
- California Department of Fish and Game (DFG). 1997. Instream monitoring handbook: a guide for project development, implementation, and assessment. Final Rept. submitted to the Calif. Dept. of Forestry and Fire Protection under Interagency Agreement No. 8CA95070. Sacramento, CA. 153 p.
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- Euphrat, F., K.M. Kull, M. O'Connor, and T. Gaman. 1998. Watershed assessment and cooperative instream monitoring plan for the Garcia River, Mendocino County, California. Final Rept. submitted to the Mendocino Co. Resource Conservation Dist. and the Calif. Dept. of Forestry and Fire Protection. Sacramento, CA. 112 p.
- Flanagan, S.A., M.J. Furniss, T.S. Ledwith, S.Thiesen, M. Love, K.Moore, and J. Ory. 1998. Methods for inventory and environmental risk assessment of road drainage crossings. USDA Forest Service. Technology and Development Program. 9877--1809—SDTDC. 45 p.

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- Lisle, T. E., and S. Hilton. 1999. Fine bed material in pools of natural gravel bed channels. *Water Resources Research* 35(4): 1291-1304.
- Poff, R.J. and C. Kennedy. 1999. Pilot study of Class III watercourses for the hillslope monitoring Program. Final report submitted to the Calif. Dept. of Forestry and Fire Protection. Sacramento, CA. 6 p.
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- Cafferata, P.H. and J.R. Munn. 2002. Hillslope monitoring program: Monitoring results from 1996 through 2001. Final Report submitted to the California State Board of Forestry and Fire Protection. Sacramento, CA. 114 p.
- USDA Forest Service (USFS). 2002. Landscape dynamics and forest management. Gen. Tech. Rep. RMRS-GTR-101-CD. Fort Collins, CO. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. CD-ROM.
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- Flanagan, S.A. 2004. Woody debris transport through low-order stream channels of northwest California -- implications for road-stream crossing failure. Master of Science Thesis, Humboldt State University, Arcata, CA. 114 p.
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Madej, M.A., M. Wilzbach, K. Cummins, C. Ellis, and S. Hadden. (in press). The significance of suspended organic sediments to turbidity, sediment flux, and fish-feeding behavior. In: Proceedings of the Redwood Region Science Symposium, March 15 - 17, 2004, Rohnert Park, California. [currently unavailable]

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Madej, M.A. (in review). The role of organic matter in the sediment budgets in forested terrain. Submitted to the International Association of Hydrological Sciences. 12 p. [currently unavailable]